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REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) William Marsh Rice University, a University, certifies that it is the assignee of 100% of the right, title and interest in the patents and patent applications listed on the attached Appendix (TABLE 1) by virtue of assignments from the inventors of the patents and patent applications. The assignments for these patents and patent applications were recorded in the Patent and Trademark Office at the Reel and Frame numbers provided in the Appendix (Table 1).

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the patents and patent applications listed on the attached Appendix (TABLE 1) and appoints the practitioners associated with:

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with full power of substitution and revocation, to prosecute the patents and patent applications listed on the attached Appendix (TABLE 1) and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the patents and patent applications listed on the attached Appendix (TABLE 1) should be sent to:

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Direct all telephone calls to Ross Spencer Garsson, Reg. No. 38,150, at telephone number 512.472.5070.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

WILLIAM MARSH RICE UNIVERSITY

Date: 5/21/07

Nila Bhakuni
By: Nila Bhakuni
Title: Director, Office of Technology Transfer

TABLE 1

Inventors Filing Date Assignment Filing Date Notes

Matr. No.	Status	Serial No.	Filing Date	Assignment Filing Date	Notes	Inventors	Assignee
21753-01004	ALLOWED	10304, 745	20-Dec-02	15-Feb-07	INVENTORS TO WILLIAM MARSH RICE UNIV.; REC. 06/03, R/F 0140470013 SMITH, ASSIGNING TO WILLIAM MARSH RICE UNIVERSITY, REC. DATE 02/15/2007, REEL 018691, FRAME 0892.	Richard E. Smalley, Jason H. Hafner, Daniel T. Colbert, Ken Smith	WILLIAM MARSH RICE UNIVERSITY
21753-01004	ALLOWED	10304, 745	24-Dec-01	09-May-03	INVENTORS TO WILLIAM MARSH RICE UNIV.; REC. 06/03, R/F 0140470013 SMITH, ASSIGNING TO WILLIAM MARSH RICE UNIVERSITY, REC. DATE 02/15/2007, REEL 018691, FRAME 0892.	Richard E. Smalley, Donald T. Colbert, Hongzhe Dai, Jie Liu, Andrew G. Rinzler, Jason H. Hafner, Kenneth A. Smith, Ting Guo, Pavel Nikolsky, Andreas Thess	WILLIAM MARSH RICE UNIVERSITY
21753-01002	ISSUED	10304, 681	20-Dec-02	15-Feb-07	INVENTORS TO WILLIAM MARSH RICE UNIV.; REC. DATE 02/15/2007, REEL 018691, FRAME 0892.	Richard E. Smalley, Jason H. Hafner, Daniel T. Colbert, Ken Smith	WILLIAM MARSH RICE UNIVERSITY
21753-01003	ISSUED	10304, 687	20-Dec-02	15-Feb-07	INVENTORS TO WILLIAM MARSH RICE UNIV.; REC. DATE 02/15/2007, REEL 018691, FRAME 0892.	Richard E. Smalley, Jason H. Hafner, Daniel T. Colbert, Ken Smith	WILLIAM MARSH RICE UNIVERSITY
21753-01005	ISSUED	09/107, 532	16-Mar-01	15-Feb-07	SMITH, ASSIGNING TO WILLIAM MARSH RICE UNIVERSITY, REC. DATE 02/15/2007, REEL 018691, FRAME 0892.	Richard E. Smalley, Jason H. Hafner, Daniel T. Colbert, Ken Smith	WILLIAM MARSH RICE UNIVERSITY
21753-00901	ISSUED	10300, 135	20-Nov-02	24-Jun-03	INVENTORS TO RICE UNIV.; REC. 06/24/03, R/F 0140202030	Richard E. Smalley, Robert H. Hauge	WILLIAM MARSH RICE UNIVERSITY
21753-01307	PENDING	11406, 520	21-Apr-06	22-Aug-06	INVENTORS TO RICE, REC. 06/21/06, R/F 0181480367	John L. Margrave, Edward T. Mickelson, Robert Hauge, Peter Boud, Chad Huffman, Jie Liu, Richard E. Smalley, Ken Smith, Daniel T. Colbert	WILLIAM MARSH RICE UNIVERSITY
21753-01015	PUBLISHED	114030, 727	22-Dec-04	05-Feb-07	INV COLBERT, DAI, HAFNER, RINZLER, SMALLEY, LIU, SMITH, GUO, NIKOLAEV, AND THESS ASSIGNING TO WILLIAM MARSH RICE UNIVERSITY, 2/25/2007, REEL: 018684 FRAME: 0684	Daniel T. Colbert, Hongzhe Dai, Jason H. Hafner, Andrew G. Rinzler, Richard E. Smalley, Jie Liu, Kenneth A. Smith, Ting Guo, Pavel Nikolsky, Andreas Thess	WILLIAM MARSH RICE UNIVERSITY
21753-01201	PUBLISHED	10483, 028	28-Dec-01	05-May-03	INVENTORS TO WILLIAM MARSH RICE UNIV.; REC. 5/6/03, R/F 0140470013	Dai, Jie Liu, Andrew G. Rinzler, Jason H. Hafner, Kenneth A. Smith, Ting Guo, Pavel Nikolsky, Andreas Thess	WILLIAM MARSH RICE UNIVERSITY
21753-01401	PUBLISHED	09335, 995	23-Aug-01	27-Nov-01	INVENTORS TO RICE UNIV.; REC. 01/25/02, R/F 0125550433	Richard E. Smalley, Daniel T. Colbert, Ken A. Smith, MICHAEL O'CONNELL	WILLIAM MARSH RICE UNIVERSITY
21750-03201	PUBLISHED	10167, 729	02-Jul-02	02-Sep-03	INVENTORS TO RICE UNIVERSITY AND TO GEORGIA TECH RESEARCH CORP.; REC. 09/22/03, R/F 0145060935	Richard E. Smalley, Rajesh Kumar Saini, Ramesh Swarajan, Robert H. Hauge, Virginia A. Davis, Matteo Pasqua, Lars M. Ericson, Saitish Kumar, Sreekumar, Thiya Veeni	GEORGIA TECH RESEARCH CORPORATION
21753-02031	PUBLISHED	10167, 729	02-Jul-02	22-Sep-03	INVENTORS TO RICE UNIVERSITY AND TO GEORGIA TECH RESEARCH CORP.; REC. 09/22/03, R/F 0145060935	Richard E. Smalley, Rajesh Kumar Saini, Ramesh Swarajan, Robert H. Hauge, Virginia A. Davis, Matteo Pasqua, Lars M. Ericson, Saitish Kumar, Sreekumar, Thiya Veeni	WILLIAM MARSH RICE UNIVERSITY
21753-06020	PUBLISHED	10315, 028	03-Apr-03	10-Oct-03	INVENTORS TO RICE U.; REC. 10/14/03, R/F 0145620199	Richard E. Smalley, Rajesh Kumar Saini, Ramesh Swarajan, Robert H. Hauge, Virginia A. Davis, Matteo Pasqua, Lars M. Ericson, Saitish Kumar, Sreekumar, Thiya Veeni	WILLIAM MARSH RICE UNIVERSITY